

## NEW RECORDS OF INDIANA CHRYSOMELIDAE.

ALBERT W. TRIPPEL, Mishawaka, Indiana.

In the past year the author has examined some 6,000 specimens of Chrysomelidae collected throughout Indiana by members of the staff of the Entomology Department and students in entomology at Purdue University, or himself. The identifications were checked or corrected by Mr. Charles F. A. Schaeffer, of the Brooklyn Museum; Prof. L. G. Gentner, of Oregon Agricultural College Experiment Station, and Dr. H. C. Fall, of Tynsboro, Massachusetts.

In several previous studies of Indiana insects the county has been used as a unit for recording distribution; this practice is followed in this paper, but specific localities are also given if available.

The specimens in the Purdue Student Collection were collected by students of entomology as part of their class work. Records of these specimens and specimens collected by Montgomery alone or with the author are indicated by the initials "P. U.," "M.," or "M. and T.," respectively. All other specimens except where the name of the collector is indicated were taken by the author.

All dates except those specifically indicated otherwise are from collections made in 1932.

— *Donacia texacana* var. *minor* Schffr.<sup>1</sup>

Gibson Co., 3 specimens, June 12, 1925 (M.); June 17, 1925 (M.).

15253 *Lema trilineata* var. *trivittata* Say.

Jefferson Co., Madison, Aug. 3 (P. U.); Morgan Co., June 28, wild sweet potato (Musgrave); Tippecanoe Co., May 1, 1931 (P. U.); May 3, 1931, weeds (P. U.); May 14, 1931 (P. U.); May 15, 1931 (P. U.); Aug. 10, 1931, *Datura* (M.); 2 specimens, July 26 (P. U.); Sept. 16, *Datura* (M.); 2 specimens, Sept. 17, *Datura*; Sept. 28, roadside (Musgrave and Deay).

This variety has not been recorded from the state previously although Blatchley's material of *Lema trilineata* not improbably included specimens of it, which he did not consider distinct.

15382 *Pachybrachys confederatus* Fall.

Knox Co., 4 specimens, July 11, 1929 (M.); Posey Co., 2 specimens, July 11, 1929 (M.).

15412b (?) *Pachybrachys cephalicus* var. *parvus* Fall.

Kosciusko Co., June 27 (Gould).

<sup>1</sup> The arrangement and nomenclature used is that of Leng (1920) or Leng and Mutchler (1927) except in cases where more recent authoritative revisions have shown this to be in error.

Fall in letter states, "Near this variety which it may be, though not typical."

15413 *Pachybrachys roboris* Fall.

Knox Co., 2 specimens, July 11, 1929 (M.); Kosciusko Co., July 8 (Gould); Posey Co., July 11, 1929 (M.); St. Joseph Co., July 25, sumac; Tippecanoe Co., July 6 (M.); Sept. 24, herbage.

15415 *Pachybrachys relictus* Fall.

St. Joseph Co., 2 specimens, June 15, 1931, dewberries, June 15, dewberries.

15495c *Cryptocephalus venustus* var. *ornatulus* Clav.

Clark Co., July 15, 1931 (P. U.); June 13 (M.); Jefferson Co., Madison, June 26, 1930 (P. U.); Porter Co., Mineral Springs, 2 specimens, Aug. 31, 1925 (M.).

15495d *Cryptocephalus venustus* var. *simplex* Hald.

Clark Co. (Ruby); Knox Co., Aug. 9, 1929 (M.); Jefferson Co., Madison, June 29, 1930 (P. U.).

15500 *Cryptocephalus calidus* Suffr.

St. Joseph Co., 3 specimens, Aug. 11, bluegrass.

15566 *Graphops varians* Lee.

St. Joseph Co., July 12, red beets.

15626b *Paria canella* var. *gilvipes* Horn.

St. Joseph Co., June 12, 1931, red clover; Aug. 22, locust; Tippecanoe Co., Feb. 15, 1925 (P. U.); Apr. 26, 1925 (P. U.); 16 specimens, Sept. 24, hickory (M. and T.).

15626j *Paria canella* var. *scutellaris* Notm.

Tippecanoe Co., May 15, 1931 (P. U.); July 20, willow.

15655a *Zygogramma suturalis* var. *casta* Rogers.

Clark Co., July 12, 1931 (Baker); Clinton Co., Frankfort, 1926 (P. U.); Knox Co., Aug. 8, 1929 (M.); 9 specimens, Aug. 9, 1929, sweeping herbage (M.); 17 specimens, Aug. 9, 1929 (M.); 11 specimens, Aug. 20, 1929, sweeping weeds (M.); Lawrence Co., July 11 (Musgrave); Porter Co., Mineral Springs, Aug. 31, 1925 (M.); Sept. 3, 1925 (M.); Posey Co., Aug. 23, 1924 (M.); Pulaski Co., July 25 (Gould); St. Joseph Co., June 17, 1931, mint along roadside; 3 specimens, July 25, ragweed; Tippecanoe Co., 2 specimens, July 19, blue grass; July 19, sweeping weeds; 29 specimens, July 20, asparagus; 2 specimens, Sept. 24, sweeping herbage; Sept. 24, lamb's quarter; Sept. 25, ragweed; Sept. 26, weeds; Sept. 28, roadside weeds (Musgrave).

15678 *Calligrapha pnirsa* Stål.

Tippecanoe Co., June 17 (P. U.).

——— *Phaedon americana* Schffr.

Kosciusko Co., May 20 (Gould).

——— *Trirhabda borealis* Blake.

St. Joseph Co., July 11, grass along St. Joseph River.  
20192 *Galerucella cribrata* Lec.

Lawrence Co., Bedford, 2 specimens, July 25, 1931 (M.); Clark Co., Henryville, 3 specimens, June 13 (M.); June 17, 1930 (P. U.); June 13, 1931 (Manuel); June 15, 1931 (Manuel); July 3, 1931 (McQueen); July 9, 1931 (Myers); 2 specimens, July 11, 1931 (Manuel); 2 specimens, July 12, 1931 (Baker); July 12, 1931 (Myers); July 14, 1931 (Harden); July 22, 1931 (McQueen); July 23, 1931 (Sweigart); July 26, 1931 (Baker); Jefferson Co., Madison, June 25, 1930, clover field (P. U.); St. Joseph Co., grass along St. Joseph River; Tippecanoe Co., July 10 (Deay).

20208 *Disonycha davisi* Schffr.

Tippecanoe Co., Oct. 1, 1931.

15946 *Haltica foliacea* Lec.

Knox Co., 3 specimens, July 18, 1929 (M.); 5 specimens, Aug. 9, 1929 (M.); Aug. 16, 1929 (M.).

16106 *Anoplitis rosea* (Web.).

Lawrence Co., Bedford, July 26, reared from *Chenopodium album* (Marshall); Lawrence Co., Aug. 21, honey locust (Musgrave); Morgan Co., June 28, wild sweet potato (Musgrave); Posey Co., 2 specimens, May 25, 1924, beating roadside bushes (M.).

16152 *Chirida guttata* var. *lucidula* (Boh.).

Knox Co., May 17, 1924 (M.); 2 specimens, May 24, 1924 (M.); Tippecanoe Co., May 20, 1926 (P. U.); Sept. 19, 1927 (P. U.); Apr. 12, 1930 (P. U.); May 25, 1930 (P. U.); June 12, 1930 (P. U.); Apr. 20 (P. U.); May 14 (P. U.); May 20 (P. U.); 3 specimens, July 19, golden rod (M. and T.); 3 specimens, Sept. 13, wild sweet potato (M. and T.).